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Weller®

WES51 Analog Soldering Station

Jameco Part Number 217461

The Weller Advantage

- Innovative heater and sensor combination gives you quick heat-up and rapid temperature recovery
- Wireless temperature lockout to prevent operators from raising the temperature to levels higher than specified for the board or component. Gives you control over the process
- Station automatically powers down after 90 minutes of inactivity to prolong tip life and save power

WES51 includes: *WES51PU* power unit, *PES51* soldering pencil with *ETA* tip, and *PH50* stand and sponge.

Additional Product Features and Benefits:

- IMPROVED plug on the PES51 iron and new receptacle on the WES51PU power unit for easier iron replacement
- Designed for continuous production soldering
- Slim, comfortable pencil reduces operator fatigue
- Tip temperature offset capability which provides the user with the capability of resetting station temperature readings to match in tip sizes and styles
- Iron is fitted with a non-burnable silicon rubber cord for safety
- UL and cUL listed
- ESD safe to protect sensitive components
- Use ET series tips found on page 5

Station	WES51	Pencil	PES51
Voltage	120V (input); 24V (output)	Power Consumption	50W
Temperature Range	350°F - 850°F (177°C - 454°C)	Heating Element Type	Nichrome Wound; Fiberglass and ceramic insulated
Footprint	5.9 X 4.5 X 3.6 IN (150 X 114 X 91 MM)	Iron Cord Length	4 ft. (1.22 m)
Weight	3.93 lb. (1.78 kg)	Supplied Tip	ETA
Temperature Accuracy	+/- 9°F (+/-5°C)	Iron Stand	PH50
Temperature Stability	+/-10°F (6°C)		
ESD Safe?	Yes		

Applications:

- Production, rework, and repair of through hole and SMT boards. Most ground planes and multi-layer boards.

The PES51 is perfect for production soldering, rework, or repair.

The new connector and plug on the WES51 is an improvement over the WES50